

In the specification:

Please amend paragraph [0010] as follows.

[0010] (Amended) ~~Fig. 11~~ Fig. 10 illustrates a conventional DNA chip (organic molecule detecting semiconductor device) 10. This organic molecule detecting semiconductor device 10 has a photoelectric converter 12 formed on a silicon substrate 11. Recesses 16 are formed in a silicon oxide film 13 that is formed over photoelectric converter 12. DNA probes 21 are fixed in these recesses 16.